

Friday November 15, 2024

7pm

License Testing 5:30pm

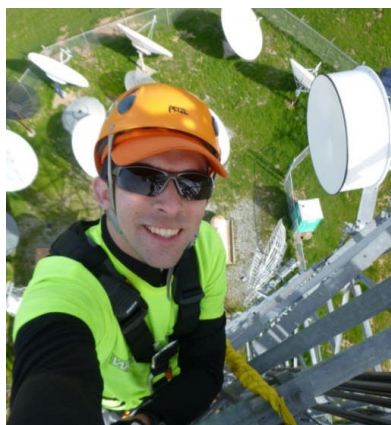
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THIS MONTH...

How to get started with the Automatic Packet Reporting System

By Marcel Stieber, AI6MS



The Automatic Packet Reporting System or APRS is one of the most popular digital modes in amateur radio, but also one of the most confusing ones to use. This talk will start with an introduction to APRS, what it is and how it works, and then cover some of the common use cases for the average amateur. We'll explore different hardware you can purchase, common configurations, what settings to use, and how to get the most out of APRS. After attending this talk, you should be able to go out and start using APRS for vehicle tracking, messaging, or weather monitoring.

Marcel is an Electrical Engineer from Cal Poly San Luis Obispo who enjoys supporting student clubs and fully-remote licensing. He also helps with local events, ARES, and repeater groups as an RF consultant and volunteer tower climber! More details at: <https://www.qrz.com/db/AI6MS>

Our in-person meeting will also be held virtually, via the Zoom video system. The meeting access ID and password will be distributed via groups.io email announcement.



We have many accomplished and experienced club members. After all, we are an ARRL Special Service Club! The club is looking for amateur radio or communications topics that you or someone you know could present at a future club meeting.

An alternative might be several short presentations on different topics made by multiple persons.

Please direct your suggestions to our Vice President, Ed Morales, KJ6KYT at edmorales928@gmail.com.

Your contribution is vital for the continued success of MDARC. We are eager to hear from you!

ALL MEMBERS ARE INVITED TO JOIN THE FREE CLUB E-MAIL GROUP AT:

<https://groups.io/g/MDARC>

Mount Diablo Amateur Radio Club W6CX
P.O. Box 23222 Pleasant Hill, CA 94523
(925) 288-1730 info@mdarc.org

The Carrier is a monthly publication of the Mount Diablo Amateur Radio Club (MDARC). It is the policy of the editor to publish all material submitted by the membership provided such material is in good taste, relevant to amateur radio and of interest to MDARC members, and provided space is available.

President - Larry Bradley, KK6QPE
Vice President - Ed Morales, KJ6KYT
Secretary – Brian Lotter, KM6NGS
Treasurer - Barbara Whysong, K6WHY
Emergency Coordinator - Larry Loomer, KI6LNB

Directors At Large
 Trevor Hall, WA6JAU Cal Vasquez, K6VT
 Mark Fehlig WA6NGC Mike Warren, W6MEW

Membership Chair – Jan Kulisek, KM6NFC
mdarcmembership@mdarc.org

PACIFICON 2024

Chair: Julie Mah, WJ8MAH
Registration: Jim Marchetti, KD7G
Treasurer: Barbara Whysong, K6WHY
Secretary: Jeff Mah, N8MAH

COMMITTEE CHAIRS AND COORDINATORS

Annual Auction - **vacant**
Communications Trailer - Mike Warren, W6MEW
Communications Van MDARC-1 - Jim Tittle, K6SOE
Digital Media - Grant Bowman, K6CBK
Education & Training - **vacant**
Field Day - Larry Loomer, KI6LNB
Good & Welfare - Diana Sage, KA6TZU
Holiday Dinner - Misa Siemons, KJ6BUE
License Testing - Larry Loomer, KI6LNB
Outreach - Dick Wade, WM6G
Programs - Ed Morales, KJ6KYT
Public Service - Larry Loomer, KI6LNB
Radio Equipment Lending - Cal Vasquez, K6VT
Refreshments - Elizabeth Styles, KG6HLV
Scholarship - Janice Fujii, KG6VTD
Technical Committee - Jim Tittle, K6SOE
Volunteer Classes - Dick Wade, WM6G
W6CX Repeater Trustee - Jim Tittle, K6SOE
W6LGW Callsign Trustee - Larry Loomer, KI6LNB

The Carrier Newsletter
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President's Message



MDARC Family,

Congratulations to the Pacificon Committee for organizing a stupendous Pacificon. Lots of vendors, many forums, a banquet, a MDARC Membership meeting, a swap meet, raffle prizes, and many attendees. Want to see lots of pictures? Then come to the MDARC Holiday Banquet on December 1st and watch the slide show.



Election time ...on all fronts! And on November 1st the link to the MDARC ballot was sent to all Club members.

Although I would expect that by this time you have already voted, but for those who have not, please do so before November 14th. Yes, I realize that except for the Directors at Large position, all other offices are uncontested. Of course an unanimous count is always nice because it indicates high confidence in the elected official, but even a "No Vote" indicates dissatisfaction with the choice of candidate(s) and a need to provide alternate candidates in 2025.

What, you didn't get an email with the link to the MDARC ballot? I have noticed that when people do not get an email from the Election Committee for the link to the ballot, this usually is caused by two things: 1) They have not paid their membership dues for the current year (2024) [*Bylaws, Section 6. REVOCATION (of membership... "Non-payment of dues"*)] and are therefore not considered a current MDARC member and ineligible to vote, 2) The email address listed in the MDARC membership database is incorrect or no longer in use. Remember that the Election Committee uses the most recent MDARC Membership database information. It is the responsibility of each member to update their information (email, call sign, license class, etc.) using the Membership portal. This can be accessed by clicking <https://www.mdarc.org/about-us/joinrenewupdate> and follow the directions. Remember that the Election Committee does NOT use any information from those participating in the MDARC@groups.io reflector.

What if you know that the MDARC Membership database has your correct email and you think you are a current 2024 member, but you still did not get a link to the ballot? First, be sure to check your spam or junk mail folder because some have already reported that this is where they found it. Also, you may need to check the MDARC Membership database to see if it shows you paid your dues for 2024. I've seen some in the database for which I would have thought they were current, but discovered they were not. But if you still come up empty handed ...no ballot....then please contact Benjo, KA6BJS at mdarcelection2025@gmail.com for assistance.

Election dates to remember:

- All ballots (electronic or mail-in) must be submitted before November 14, 2024.
- Election results announced at the General Membership Meeting on November 15, 2024

Hope to see you at the Holiday Banquet. Everybody have a nice Thanksgiving.

73,
Larry Bradley, KK6QPE



CLUB OFFICER ELECTIONS

Title Name	Term
President	One year
Vice President	One year
Secretary	One year
Treasurer	One year
Emergency Coordinator	One year
Director at Large	Two years
Director at Large	Two years

Any Election Committee member can receive nominations, either verbally or by email.

Election Committee members

Name	Call Sign	Email
Larry Bradley	KK6QPE	KK6QPE@gmail.com
John Rio	N6RIO	N6RIO@yahoo.com
Benjo Sevilla	KA6BJS	KA6BJS@gmail.com
Raquel Sevilla	K1RCS	Raquel.c.sevilla@gmail.com

Nominee Requirements:

- 1) Must hold a United States Amateur Radio license
- 2) Must be a current member of MDARC
- 3) Must provide consent to the nomination

Who may nominate? Any MDARC member. When do nominations close? October 31, 2024

How do members vote? Shortly after October 31, 2024, an electronic ballot is sent to all current (2024) members that have an email in the Membership Directory. Those who requested a printed CARRIER, will receive a printed ballot via USPS.

Note: If family members share the same email, they will get only one ballot in which case they may request printed ballots or better yet, update the Membership Directory with separate email addresses.

Ballots must be received on or by November 13, 2024.

(continued on following page)

Hear Ye, Hear Ye



ELECTION 2024

Office	Candidate (* indicates incumbent)
President (vote for one)	Larry Bradley, KK6QPE*
Vice President (vote for one)	Michael Papp, WB6GJE
Secretary (vote for one)	Brian Lotter, KM6NGS*
Treasurer (vote for one)	Barb Whysong K6WHY*
Emergency Coordinator (vote for one)	Larry Loomer, KI6LNB*
Director at Large (vote for two)	Mike Warren, W6MEW* John Rio, N6RIO Cal Vasquez, K6VT*



MDARC Holiday Banquet

Where: Back Forty Texas BBQ Roadhouse

100 Coggins Dr.

Pleasant Hill, Ca. 94523

Date: December 1st, 2024

Time: 6:00 - 10:00 PM

Price per person: \$63.00 Dinner and Dancing

RSVP by November 20, 2024

Appetizers, Dinner will be buffet style including: Beef Brisket, Rotisserie BBQ Chicken Caesar Salad, Fruit Salad, Garlic Mashed Potatoes, Fresh veggies and Dinner Roll

Desserts will be provided by Pacificon

No Host Bar from 6:00 - 10:00 PM

Pay by cash or check @ General meeting (11/15)

Send check to MDARC PO Box 23222 Pleasant Hill, CA 94523 by 11/15 or

Venmo: "Jeff Mah @ Toyotally"

More information at <https://www.mdarc.org/activities/holiday-banquet>

MDARC General Meeting Minutes September 20, 2024

Held as hybrid Zoom and in-person meeting.

1. Call to Order: The meeting was called to order at 7:00 pm by MDARC president Larry Bradley KK6QPE.
 - a. Welcome to all: Larry KK6QPE welcomed all attendees.
 - b. Pledge of Allegiance: This was made by attendees.
 - c. Safety, Exits, Rest Rooms: Larry KK6QPE indicated the positions of the emergency exits and restrooms.
 - d. Acknowledge new members: New members were acknowledged.
 - e. Acknowledge visitors: New visitors were welcomed.
2. Approval of Minutes from the Last Meeting: The minutes of the August meeting were approved without objection.
3. Officer Reports:
 - a. President: Larry Bradley KK6QPE had no report.
 - b. Vice President: Ed Morales KJ6KYT thanked George Zafiropoulos [KJ6VU](#) for doing tonight's presentation.
 - c. Secretary: Brian KM6NGS had no report.
 - d. Treasurer: Barbara Whysong K6WHY discussed the following report.

Monthly Report - August, 2024			
STATEMENT OF ACTIVITIES			
	MDARC	Pacificon	TOTAL
Credits			
Membership	\$132.07		
Education			
Other	\$314.60		
Donations w restrictions			
Donations wo restrictions			
Pacificon		\$5,924.02	
Vendors & NP		\$5,176.08	
Total Credits	\$446.67	\$11,100.10	\$11,546.77
Debits			
Field Day	\$209.75		
Operations	\$2,706.84	\$83.80	
LEEDS	\$700.00		
Hotel		\$9,000.00	
Registration			
Total Debits	\$3,616.59	\$9,083.80	\$12,700.39
Change in Net Assets			-\$1,153.62

Balance Sheet	
August 31, 2024	
ASSETS	
Current Assets	
Checking/Savings	
Equipment Self-Ins Fun	64,028.93
MDARC Savings	28,433.59
MDARC Checking	56,011.87
PACIFICON	5,948.34
Total Checking & Savings	154,422.73
Total Current Assets	154,422.73
TOTAL ASSETS	154,422.73
LIABILITIES	
	0.00
NET ASSETS	154,422.73
Increase/Decrease from prev month	-1,153.62

There were no questions for Barbara.

- e. Emergency Coordinator: Larry KI6LNB had no report.

4. Directors at Large.

Directors at Large: Mike W6MEW, Mark Fehlig WA6NGC and Cal K6VT had nothing to report. Trevor WA6JAU was absent.

5. Committee Reports – Standing:

- a. Auction: Report not scheduled or unavailable.
- b. Outreach Coordinator: Report not scheduled or unavailable.
- c. Technical: Jim K6SOE reported that the repeaters are all working well, but added that we need more activity on the repeater.

- d. Digital Media: Grant Bowman, K6CBK reported that many updates have been done on the MDARC and PACIFICON websites. He invited anybody with questions or concerns to contact him at admin@mdarc.org.
- e. Education and Training: Larry KK6QPE stated that all planned sessions for this year have been completed. He offered Jim Crites W6JIM an opportunity to outline what the Long Island CW Club does. Jim said that they have just gone from 138 to 158 classes per week and that they have 6,000 members. Julie added that they will have a booth at PACIFICON. Julie added that there will be a “foot and fanny” CW booth next door to the Long Island CW Club.
- f. Pacificon: Julie Mah WJ8MAH reported that online registration for PACIFICON closes on October 1st. It costs \$35 online and \$45 at the door. More volunteers are needed. Misa Siemons has made a morse code quilt which will be auctioned off. The quilt has morse code on it and you have to come up with the answer which is not on the quilt.
- g. Membership: Jan KM6NFC, reported that there are 292 paying members and a total of 368 including family members. The total club membership is 380 when 12 honorary members are included. There are still 49 who haven’t renewed yet. Jan reported that this is the greatest number of members that the club has ever had.
- h. Public Service: Larry KI6LNB announced some of the upcoming events. A full list of events can be found under the Public Service tab on the MDARC.org website.
- i. Vehicle Committee [MDARC-1) Report not scheduled or unavailable.
- j. License Testing: Larry KI6LNB reported that, at tonight’s testing, one person passed both the Technician and the General exam.
- k. Trailer Committee: Report not scheduled or unavailable. l. Field Day: Report not scheduled or unavailable.
- m. Holiday Banquet: Report not scheduled or unavailable.
- n. Election Committee: Larry KK6QPE announced that there are four members on the election committee, namely Larry Bradley KK6QPE, John Rio N6RIO, Benjo Sevilla KA6BJS and Raquel Sevilla K1RCS. Nominations are now open and we already have three candidates namely; Secretary, Brian Lotter KM6NGS, Emergency coordinator, Larry Loomer KI6LNB, Director at Large Mike Warren W6MEW. He asked for people to send their nominations to any of the four election committee members and stressed that nominations close on October 31st.
- o. Program Committee: Ed KJ6KYT had nothing to add to his comments under section 3 b above but stressed that we need people to run for President and Vice President.

6. Unfinished Business: None.

7 New Business: None.

8. Adjourn Business meeting: The meeting was adjourned at 7:37 pm.

Respectfully submitted by:
Brian Lotter, KM6NGS
Secretary, on October 16, 2024.

I just want to give a HUGE THANK YOU to all PACIFICON volunteers, who helped with parking, the swap meet, greeting attendees, registration desk and all the other little jobs that I can't even think of right now. You are all appreciated so much and we could not have such a fantastic convention without the help and support from all of you. All the vendors that I spoke with were happy with the amount of attendees, the cheerfulness and smiles from all volunteers and our hospitality in keeping them fed and hydrated. You ALL did an amazing job and I am thankful for all your hard work!!!

We will be holding a wrap up meeting in November. If you are not on the Pacificon groups.io and wish to comment on Pacificon, I will have Grant put the zoom link in the MDARCstaff@ groups.io so you may voice your thoughts at our meeting.

Have a nice day! Julie Mah, WJ8MAH, Pacificon Chair 2024/2025

MDARC Board of Directors Meeting October 7, 2024

Held at Zoom online

1. Call to Order: The meeting was called to order at 7:06 pm by Larry Bradley, KK6QPE after it was determined that there was a quorum for conducting Club business.

2. Roll Call: Attendees via Zoom screen shots:

Officers: Larry Bradley KK6QPE, President; Ed Morales KJ6KYT, Vice President; Brian Lotter KM6NGS, Secretary; Larry Loomer KI6LNB, Emergency Coordinator; Mike Warren W6MEW, Director at Large; Trevor Hall WA6JAU, Director at Large; Cal Vasquez K6VT, Director at Large.

Committee Chairs/Coordinator: Grant Bowman K6CBK, Digital Media Chair; Julie Mah WJ8MAH PACIFICON Chair; Jan Kulisek KM6NFC Membership Coordinator. Guests: Mike Patterson N6JGA; John Rio N6RIO; Terry Buxton KK6KGX; Ruth Miller KE6VOO.

3. Approval of Minutes from Last Meeting: Ed KJ6KYT, seconded by Trevor WA6JAU, proposed a motion to approve the minutes. The minutes of the September 2nd Board of Directors Meeting were unanimously approved.

4. Adopt Tonight's Agenda: Tonight's agenda was adopted.

5. Officer reports:

a. President Larry Bradley KK6QPE – Had no report.

b. Vice-President Ed Morales KJ6KYT – Had no report.

c. Secretary Brian Lotter KM6NGS – Had no report.

d. Treasurer Barbara Whysong K6WHY – Barbara was not present but Larry KK6QPE showed the report that she sent by email.

Balance Sheet September 30, 2024

ASSETS

Current Assets

Checking/Savings

Equipment Self-Ins Fund 64,261.02

MDARC Savings 28,435.45

MDARC Checking 71,249.47

PACIFICON 5,717.83

Total Checking & Savings 169,663.77

Total Current Assets 169,663.77

TOTAL ASSETS 169,663.77

LIABILITIES 0.00

NET ASSETS 169,663.77

Increase/Decrease from prev month 15,241.04

(continued on following page)

Monthly Report - SEPT, 2024

STATEMENT OF ACTIVITIES

	MDARC	Pacificon	TOTAL
<u>Credits</u>			
Membership	\$137.61		
Education	\$15.72		
Other	\$340.25		
Restricted donations (repeater)			
Unrestricted donations	\$24.08		
Pacificon		\$18,061.51	
Vendors & NP		\$1,338.52	
<u>Total Credits</u>	\$517.66	\$19,400.03	\$19,917.69
<u>Debits</u>			
Operations	\$878.52	\$830.51	\$1,709.03
Registration		\$1,830.56	\$1,830.56
Restricted donations (repeater)			\$0.00
Unrestricted donations	\$1,137.06		\$1,137.06
<u>Total Debits</u>	\$2,015.58	\$2,661.07	\$4,676.65
Change in Net Assets			
			\$15,241.04

VENDOR FEES YTD			
	GROSS	FEES	NET
JAN WePay	\$3,165.00	\$217.52	\$2,947.48
JAN PayPal	\$1,815.12	\$115.74	\$1,699.38
FEB WePay	\$1,565.00	\$115.06	\$1,449.94
FEB PayPal	\$760.00	\$52.96	\$707.04
MAR WePay	\$320.00	\$22.08	\$297.92
MAR PayPal	\$60.00	\$4.68	\$55.32
APR WePay	\$1,883.00	\$136.24	\$1,746.76
APR PayPal	\$10.00	\$1.44	\$8.56
APR Stripe	\$1,719.00	\$113.73	\$1,605.27
MAY WePay	\$398.00	\$28.71	\$369.29
MAY PayPal	\$15.00	\$0.80	\$14.20
MAY Stripe	\$5,286.00	\$325.20	\$4,960.80
JUN PayPal	\$20.00	\$0.00	\$20.00
JUN Stripe MDARC	\$455.00	\$48.76	\$406.24
JUN Stripe Pacificon	\$6,297.00	\$360.13	\$5,936.87
JUL Stripe MDARC	\$660.00	\$48.51	\$611.49
JUL Stripe Pacificon	\$3,215.00	\$205.91	\$3,009.09
JUL Stripe Adjustments Pacificon	(\$35.00)	\$1.38	(\$33.62)
AUG Stripe MDARC	\$143.00	\$10.93	\$132.07
AUG Stripe Pacificon	\$11,614.00	\$702.90	\$10,911.10
SEP Stripe Pacificon	\$20,906.00	\$1,388.14	\$19,517.86
SEP Stripe MDARC	\$175.00	\$16.67	\$158.33
SEP Square Pacificon	\$20.00	\$0.92	\$19.08
SEP Stripe Adjustments	(297.83)	\$0.00	(\$297.83)
TOTAL	\$60,168.29	\$3,918.41	\$56,252.64

(continued on following page)

e. Emergency Coordinator Report: Larry KI6LNB had no report.

7. Directors at Large Reports:

Mike Warren W6MEW – Had no director's report but told Cal that he will be getting the box of HT's back to him.
Trevor Hall WA6JAU – Had no director's report. Mark Fehlig WA6NGC – Was absent.
Cal Vasquez K6VT – Had no director's report.

8. Committee Reports:

- a. Auction: Vacant. No report was expected.
- b. Communications Trailer: Mike W6MEW had no report.
- c. Digital Media: Grant K6CBK reported that he had done many updates to the PACIFICON website and updated the MDARC website to show that the venue for the October General Meeting is at PACIFICON and not in Lafayette.
- f. Education and Training: Larry KK6QPE reported that the 2024 program has been completed and that the 2025 schedule will be posted on the MDARC website soon.
- g. Election Committee: Larry KK6QPE stated that the election committee is comprised of Himself, John Rio N6RIO, Benjo Sevilla KA6BJS and Raquel Sevilla K1RCS and said that he will publish a list of candidates in the Carrier.
- h. Field Day: No report was expected.
- i. Holiday Banquet: Will be discussed in new business below.
- j. License Testing: Larry KI6LNB reported that he will be doing Public Service events during PACIFICON and has arranged for Jim Turnbull Sharkey take care of all of the License testing at PACIFICON.
- k. Membership: Jan KM6NFC showed his Membership Report dated October 7th 2024. Paying members 291, All current members 355, New members this year 29, Renewals (last 30 days) 1, Past due 49, Life time + Honorary members 12. He said that if we get anymore renewals, we will be at record membership numbers.
- l. Mesh Committee: Mike W6MEW had nothing to add for Mesh.
- m. Outreach: Dick Wade WM6G was not present.
- n. PACIFICON: Julie WJ8MAH asked for input on what names to include in the list of Silent Keyes that are shown on the slide presentation during the PACIFICON banquet. After some discussion, it was left up to Julie to decide what names to include.
- o. Programs: Ed KJ6KYT asked Mike N6JGA to do an ARRL overview in January 2025. Mike also suggested that Ed contact John Trinterud for his updated presentation on WinLink.
- p. Public Service: Larry KI6LNB reported that there 11 hams volunteered for the Mount Diablo Challenge and that it had gone very smoothly. There will be two Public Service events during PACIFICON, namely, the Diablo Summit Stomp on Saturday and the Cycle of Hope bicycle race in Dublin, CA on Sunday. Since the Public Service event on Saturday will happen during PACIFICON when the repeater could also be used for Talk-In at PACIFICON Trevor expressed concern about possible conflicts. It was noted that use of the repeater will follow normal guidelines, that is, the public service event has priority and that Talk-In would take care not to interfere with the Public Service event. It was also stated that Talk-In would try to use other methods such as Simplex and cellphones as much as possible. Grant added that, during an earlier PACIFICON meeting, it was decided that Larry Loomer would announce that Pacificon is going on during the Public Service event, that there will be a radio at the MDARC table to demonstrate to attendees what a Public Service event is, and that they will minimize repeater traffic by offloading traffic to other frequencies as they come up. Larry KI6LNB was pleased to hear that.
- q. Radio Lending Library: Cal K6VT, reported that the HF rig had been returned to him and that he has lent it out to another person. In response to a question from Larry KK6QPE, Cal said that there has been a delay in collecting the equipment from Red Cross because they decided to offer the equipment to their members first. Larry asked Cal to decide what to keep for MDARC and report that to the next Board Meeting.
- r. Rocky Ridge Repeater (Tech): Jim K6SOE was absent.
- s. Scholarship: No report was expected.

9. Future Meetings:

General Meeting: 10/18/2024 will be a hybrid, in-person and online. Larry stated that the Treasurer's report will not be presented during this meeting. The list of candidates for the upcoming election will not be presented either but will be sent out via groups.io. Board Meeting 11/04/2024 on Zoom only.

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10.1 Status report on revising Membership database for processing and tracking payments, new payment gateway status: Jan KM6NFC reported that it is ready to go live pending the approval of Barbara K6WHY. Jan demonstrated the Membership renewal process. He was asked to add two possible items under donations, namely, unrestricted donations to MDARC and restricted donations for the repeater,

10.2 Financial Audit: This is on hold until Barbara K6WHY returns.

10.3 Asset List: This is on hold until Barbara K6WHY returns.

10.4 \$3,500 anonymous donation to MDARC: what to use it for, etc.: Larry KK6QPE noted that we still have \$2,500 left. There was some discussion about whether to use donation money to cover the \$15 Technician license test fee at PACIFICON, since it would exceed the \$1,000 maximum previously approved by the Board. After some discussion, Trevor WA6JAU, seconded by Mike W6MEW proposed a motion that donation money will not be used to cover the \$15 Technician license test fee at PACIFICON. The motion was approved unanimously.

10.5 The 2024 ARRL Repeater Directory omitted all the MDARC analog FM repeaters as well as the DATV repeater. Only the MDARC digital repeaters were listed: After some discussion, Mike W6MEW showed the RFinder Add Repeater page and agreed to submit the W6CX analog repeater. He will report back on what happens.

10.6 Election Committee formation: The election Committee has been formed and is comprised of Larry KK6QPE, Benjo Sevilla KA6BJS and John Rio N6RIO.

10.7 PACIFICON registration update: Larry KK6QE, showed the PACIFICON Sales document provided by Tom Deeble. It appeared to be great, but no comparison information was available. Julie commented that it was a pretty good number for pre-registration.

10.8 Accounting Software review/purchase: After further discussion of Barbara's report in the September Board Meeting Minutes, Mike W6MEW, seconded by Ed KJ6KYT, proposed a motion to purchase the araize FASTFUND accounting software subscription at \$45 per month and the fundraising software at \$22 per month. The motion was approved unanimously.

11. New Business:

11.1 2025 Budget: Larry KK6QPE stated that budget submissions need to be made for 2025 and suggested that Barbara be contacted for a copy of the previous budget to see what numbers are required.

11.2 Holiday Banquet: After some discussion it was decided that we will have a banquet this year and Julie agreed to contact Zio Fraedo's to make a reservation and get details. She will report back at the November Board Meeting.

12. Good of the Order: Nothing was heard.

13. Adjournment: Cal K6VT, seconded by Mike W6MEW, proposed a motion to adjourn. The motion was carried unanimously. Meeting Adjourned at 7:05 pm.

Respectfully Submitted by

Brian Lotter KM6NGS
Secretary, October 28th 2024.

These meeting minutes were signed digitally due to the digital meeting



**MEETING
MINUTES**



PUBLIC SERVICE EVENTS

Notice to Public Service Hams:

We attempted to contact the Cake Chabot Trail Run organizers via a communication link on their event website. The organizers did not reply to our offer of free communications for their November 16, 2024, event.

We are declaring this lack of communication from them as a sign of no interest in our services, so the Lake Chabot Trail Run event will not be happening for us.

We will begin contacting our 2024 clients in 2025, so that we will have an active schedule for us public service aficionados.

Thank you for your public service support during the 2024 year.

73,
Larry Loomer, KI6LNB, MDARC Emergency Coordinator

Webmasters, social media people and systems/software engineers, I am requesting additional volunteers to join the Digital Media team. Let me know how you would like to help.

<https://www.mdarc.org/meetings/digital-media-meetings>

73,
Grant Bowman, K6CBK



Greg Balourdas, KK6WOS

Andrew Quan, KJ6CJF

Sandro Reis, KO6GKO

If you hear these new members on the air, please welcome them to our club.

----- Jan Kulisek, KM6NFC, Membership Chair



*Thanks to our Uniformed Services Veterans for
Serving and Protecting the United States of America*

Seven Missions...One Goal

AM International Rally 2024

Starts: Dusk November 29, 2024 Ends: Dawn December 1, 2024

OPERATING CATEGORIES:



Low Power

Any rig with power output up to and including 30 watts AM. Typically stock, off the shelf rigs.

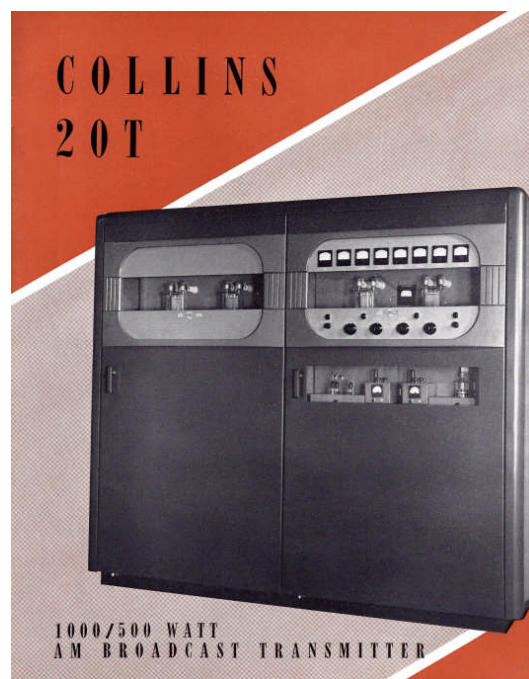
Medium Power

Any rigs running up to 150 watts AM output, includes amplifiers and homebrew rigs



High Power

Stations running up to and including 375 Watts AM, with amplifiers and homebrew rigs



Broadcast Transmitter

Any broadcast transmitters regardless of power output.



AM INTERNATIONAL

(continued on following page)

AM International Rally 2024 - continued

Is this a contest? No !!

This is an AM Rally or AM operating event that promotes the camaraderie and friendship through the operation of Amplitude Modulation equipment.

Exchange: Callsign – Name – Location – Signal Report – Equipment. Don't be afraid to have a friendly QSO with your fellow AM operators. Relax and enjoy the event!

N9AMI operates the “Wavelength Radio” YouTube channel that will live stream/chat/record periodically. There is also an AMI Facebook page.

Suggested Operating Frequencies: 160 Meters – 1.885, 1.900, 1.945, 1.985

80 Meters – 3.870 to 3.890 40 Meters – 7.175, 7.290, 7.293, 7.295

20 Meters – 14.286, 14.340 15 Meters – 21.285, 21.425 10 Meters – 29.000- 29.200

Note: You can operate anywhere in the phone bands. However, we want to bring in more people to AM not aggravate single sideband stations so please be courteous to others.

Points are awarded as follows. 1 Point for each station worked on a specific band. 2 points for working a “Signature” AMI station KK6IRZ and KD0EZX are two of the signature stations.

Winner of each category will be posted on this website for the year. Also receive a special certificate mailed to them.

Certificates:

All participating operators that turn in logs of 10 or more contacts will receive an event certificate. Log at least 2 Signature AMI Stations and receive an additional “gold star” on your certificate.

Upload Your Logs at the AMI website. Scanned paper logs are fine also. N9AMI will go through the logs by hand. Options for logging include Excel – Google Sheets – PDF. The pdf will be editable in order to fill in the blanks so you can use it on your computer. All are printable if you wish to do a manual log and then scan it to upload.

Downloadable logging forms are available at <https://www.aminternational.club/ami-jamboree/>



ESTATE SALE

Astron VS-35M 2 to 15 volts 35 amp power supply \$160

Astron RS-35M 35 amp power supply \$180

Kenwood IF-232C computer interface \$20

Kenwood TS-2000 HF/VHF/UHF Transceiver \$800

Kenwood SP-23 external speaker for TS-450 \$100

Yaesu G-800DXA rotator controller only (no rotator) \$80

Diamond MX-72H HF-VHF/UHF Duplexer \$30

Vibroplex Keyer \$90

McElroy semi-automatic telegraph key \$150

Reasonable offers for any of the above considered. Contact:

Kim Leong, N6YJ, 925-575-1941 or n6yj.qth@gmail.com

Low-Cost Receivers for Digital Amateur Television Reception Available For Sale from Club Member KA3VDT

These are DVB-S2 receivers pre-programmed for our club's 1.2 GHz W6CX DATV repeater frequencies

Connect a 1.2 GHZ directional antenna, aim it at Mount Diablo's North Peak and watch the over the air repeater signal on your video monitor

Please contact Will Roberts at ka3vdt@gmail.com or visit

<http://laser66.com/ham/>

To purchase a DATV transmitter, contact Fred Coe, WB6ASU, at wb6asu@icloud.com

HAM RADIO OUTLET®

WWW.HAMRADIO.COM

***Free Shipping and Fast Delivery!**



FTDX101MP | 200W HF/50MHz Transceiver

- Hybrid SDR Configuration • Unparalleled 70 dB Max. Attenuation VC-Tune • New Generation Scope Display 3DSS • ABI (Active Band Indicator) & MPVD (Multi-Purpose VFO Outer Dial) • PC Remote Control Software to Expand the Operating Range • Includes External Power With Matching Front Speaker



FTDX10 | HF/50MHz 100 W SDR Transceiver

- Narrow Band and Direct Sampling SDR • Down Conversion, 9MHz IF Roofing Filters Produce Excellent Shape Factor • 5" Full-Color Touch Panel w/3D Spectrum Stream • High Speed Auto Antenna Tuner • Microphone Amplifier w/3-Stage Parametric Equalizer • Remote Operation w/optional LAN Unit (SCU-LAN10)



FT-991A | HF/VHF/UHF All Mode Transceiver

- Real-time Spectrum Scope with Automatic Scope Control • Multi-color waterfall display • State of the art 32-bit Digital Signal Processing System • 3kHz Roofing Filter for enhanced performance • 3.5 Inch Full Color TFT USB Capable • Internal Automatic Antenna Tuner • High Accuracy TCXO



FTDX101D | HF + 6M Transceiver

- Narrow Band SDR & Direct Sampling SDR • Crystal Roofing Filters Phenomenal Multi-Signal Receiving Characteristics • Unparalleled -70dB Maximum Attenuation VC-Tune • 15 Separate (HAM 10 + GEN 5) Powerful Band Pass Filters • New Generation Scope Displays 3-Dimensional Spectrum Stream



FT-710 Aess | HF/50MHz 100W SDR Transceiver

- Unmatched SDR Receiving Performance • Band Pass Filters Dedicated for the Amateur Bands • High Res 4.3-inch TFT Color Touch Display • AESS: Acoustic Enhanced Speaker System with SP-40 For High-Fidelity Audio • Built-in High Speed Auto Antenna Tuner



FT-891 | HF+50 MHz All Mode Mobile Transceiver

- Stable 100 Watt Output • 32-Bit IF DSP • Large Dot Matrix LCD Display with Quick Spectrum Scope • USB Port Allows Connection to a PC with a Single Cable • CAT Control, PTT/RTTY Control



FTM-300DR | C4FM/FM 144/430MHz Dual Band

- 50W Output Power • Real Dual Band Operation • Full Color TFT Display • Band Scope • Built-in Bluetooth • WIRE-X Portable Digital Mode/Fixed Mode with HRI-200



FT-2980R | Heavy-Duty 80W 2M FM Transceiver

- 80 watts of RF power • Large 6 digit backlit LCD display for excellent visibility • 200 memory channels for serious users



FTM-200DR | C4FM/FM 144/430MHz Dual Band

- 1200/9600bps APRS® Data Communications • 2" High-Res Full-Color TFT Display • High-Speed Band Scope • Advanced C4FM Digital Mode • Voice Recording Function for TX/RX



FTM-500DR | C4FM/FM 144/430MHz Dual Band Xcvr

- Front Firing Acoustically Enhanced Speaker System • True Dual Band Operation, C4FM/C4FM Digital D-D Dual Receive • 2.4" High-Resolution Full-Color Touch Panel Display • Built-in High Precision GPS Receiver • Wireless Operation Capability with Optional Bluetooth® Headset

FT-70DR C4FM/FM 144/430MHz Xcvr

- System Fusion Compatible • Large Front Speaker delivers 700 mW of Loud Audio Output • Automatic Mode Select detects C4FM or Fm Analog and Switches Accordingly • Huge 1,105 Channel Memory Capacity • External DC Jack for DC Supply and Battery Charging



FT-5DR C4FM/FM 144/430 MHz Dual Band

- High-Res Full-Color Touch Screen TFT LCD Display • Easy Hands-Free Operation w/Built-In Bluetooth® Unit • Built-In High Precision GPS Antenna • 1200/9600bps APRS Data Communications • Supports Simultaneous C4FM Digital • Micro SD Card Slot



FT-65R | 144/430 MHz Transceiver

- Compact Commercial Grade Rugged Design • Large Front Speaker Delivers 1W of Powerful Clear Audio • 5 Watts of Reliable RF Power Within a compact Body • 3.5-Hour Rapid Charger Included • Large White LED Flashlight, Alarm and Quick Home Channel Access



FTM-6000R | 50W VHF/UHF Mobile Transceiver

- All New User Operating Interface-E20-III (Easy to Operate-III) • Robust Speaker Delivers 3W of Clear, Crisp Receive Audio • Detachable Front Panel Can Be Mounted in Multiple Positions • Supports Optional Bluetooth® Wireless Operation Using the SSM-BT10 or a Commercially Available Bluetooth® Headset



• RETAIL LOCATIONS – Store hours 10:00AM - 5:30PM - Closed Sunday

• PHONE – Toll-free phone hours 9:30AM - 5:30PM

• ONLINE – WWW.HAMRADIO.COM

• FAX – All store locations

• MAIL – All store locations

YAESU
The radio

ANAHEIM, CA
(800) 854-6046

PORTLAND, OR
(800) 765-4267

PHOENIX, AZ
(800) 559-7388

MILWAUKEE, WI
(800) 558-0411

WOODBIDGE, VA
(800) 444-4799

WINTER SPRINGS, FL
(800) 327-1917

SACRAMENTO, CA
(877) 892-1745

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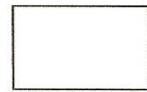
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NEW CASTLE, DE
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(800) 444-7927

*On most orders over \$100 in the continental US. (Rural locations excluded.) Contact HRO for promotion details. Toll-free including Hawaii, Alaska and Canada. All HRO 800-lines can assist you. If the first line you call is busy, you may call another. Prices, specifications and descriptions subject to change without notice.



FIRST CLASS

<https://www.facebook.com/mdarc.org>

<https://www.linkedin.com/companies/mdarc>

W6CX Nets

M-F 5:42 am Morning Muster 147.060+ 224.780- 441.325+

M-F 6:10am Commuter Net 147.060+ 224.780- 441.325+

Monday 8:00 pm SATERN Net 147.060+

Tuesday 7:30 pm Fat City 10 meter USB/CW Net 28.420 MHz

Tuesday 8:00pm Digital Practice Net 147.060+ 224.78- 441.325+

Wednesday 7:00 pm SKYWARN Net 147.060+

Wednesday 8:00pm Delta Amateur Radio Club Net 147.060+

Thursday 7:30 pm MDARC Club Net 147.060+

Thursday 8:00 pm Digital Amateur Television Net 147.060+

Club Voice Repeaters

147.060 MHz + / PL 100Hz

224.780 MHz - / PL 77Hz 441.325 MHz + / PL 100Hz

EchoLink: W6CX-R /133896, IRLP: 3057

DMR Repeater 144.925 offset plus 2.5 MHz color code 1

D-STAR 145.000 offset plus 2.5 MHz

<https://w6cx.dstargateway.org/>

DATV Internet Stream: <http://w6cxatv.mdarc.org>

YouTube Channel: [Media MDARC](#)

Contra Costa County Emergency Communications Nets Every Thursday

6:30 pm HF Countywide 3.893 MHz LSB

6:45 pm West County 145.110-- (82.5 PL)

7:00 pm Central County 145.680 Simplex

7:00 pm East County 146.535 Simplex

7:00 pm South County 147.480 Simplex

7:20 pm Countywide 145.490-- (107.2 PL)

or 147.735-- (107.2 PL)

or 145.410-- (107.2 PL)

Concord Auxiliary Radio Emergency Service (CARES)

Wednesday 8:00pm 147.405 Simplex

Digital Amateur Television Repeater

Digital ATV Output: 1244.500

Digital ATV Inputs: 1292.500, 1273.0, 917.0, 430.0

Analog ATV Input: 1270.000 FM (PL 192.8)

November 2024, December 2024 and January 2025 Club Calendar

Friday November 15, 2024	7:00pm	MDARC General Meeting - Our Saviors Lutheran Church, 1035 Carol Lane, Lafayette
Sunday December 1, 2024	6:00pm	MDARC Holiday Banquet - Back Forty Texas BBQ Roadhouse, 100 Coggins Drive Pleasant Hill
Monday December 2, 2024	6:30pm	MDARC Board of Directors Meeting - VIA VIDEO CONFERENCE
Saturday December 7, 2024	8:00am	MDARC Technical Committee Meeting - VIA VIDEO CONFERENCE
Saturday January 4, 2025	8:00am	MDARC Technical Committee Meeting - VIA VIDEO CONFERENCE
Monday January 6, 2025	6:30pm	MDARC Board of Directors Meeting - VIA VIDEO CONFERENCE